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REQUEST

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International Application No.	-
International Filing Date	
Name of receiving Office and "PCT International Application"	
Applicant's or agent's file reference (if desired) (12 characters maximum) P03151/J	

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	International Filing Date	2
The undersigned requests that the present international application be processed according to the Patent Cooperation Treaty.	Name of receiving Office	ce and "PCT International Application"
	Applicant's or agent's f	ile reference rs maximum) P03151/J
Box No. 1 TITLE OF INVENTION		
Sonic Drill		
	n is also inventor	
Name and address: (Family name followed by given name: for a legal ent The address must include postal code and name of country. The country of t Box is the applicant's State (that is, country) of residence if no State of residen	he address indicated in this	Telephone No. 64 3 348 8828
JOHNSON, Garrick Ross		Facsimile No.
17 Hanrahan Street		Teleprinter No.
Christchurch		
New Zealand		Applicant's registration No. with the Office
State (that is, country) of nationality: New Zealand	State (that is, country) New Zealand	of residence:
This person is applicant [32] all designated [32] all designate		the United States the States indicated in the Supplemental Box
Box No. III FURTHER APPLICANT(S) AND/OR (FURT	TIER) INVENTOR(S)	
Name and address: (Family name followed by given name: for a legal en The address must include postal code and name of country. The country of Box is the applicant's State (that is, country) of residence (fine State of residen	the address indicated in this	This person is: applicant only applicant and inventor inventor only (If this check-hox is marked, do not fill in below.) Applicant's registration No. with the Office
State (that is, country) of nationality:	State (that is, country)	of residence:
This person is applicant all designated all designat		
for the purposes of: States an designated art designated the United States	ed States except States of America	the United States of America only the States indicated in the Supplemental Box
Further applicants and/or (further) inventors are indicated	on a continuation sheet.	·
Box No. IV AGENT OR COMMON REPRESENTATIVE	E; OR ADDRESS FOR	CORRESPONDENCE -
The person identified below is hereby/has been appointed to act of the applicant(s) before the competent International Authorities		agentcommon representative -
Name and address: (Family name followed by given name; for a legal en The address must include postal code and name of	tiv, full official designation. country.t	Telephone No. 03 3 573 8841
WEST-WALKER, Nigel P O Box 4		Facsimile No. 03 3 573 8878
Picton 7372		Teleprinter No.
New Zealand		
		Agent's registration No. with the Office
Address for correspondence: Mark this check-box when space above is used instead to indicate a special address to	e no agent or common re o which correspondence	presentative is/has been appointed and the should be sent.

Mark the applicable check-boxes below:

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The following designations are hereby mede-under Rule 4.9(a):

Regional Patent

- AP ARIPO Patent: GII Ghana, GM Gambia, KE Kenya, LS Lesotho, MW Malawi, MZ Mozambique, SD Sudan, SL Sierra Leone, SZ Swaziland, TZ United Republic of Tanzania, UG Uganda, ZM Zambia, ZW Zimbabwe, and any other State which is a Contracting State of the Harare Protocol and of the PCT (if other kind of protection or treatment desired, specify on dotted line)
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Precautionary Designation Statement: In addition to the designations made above, the applicant also makes under Rule 4.9(b) all other designations which would be permitted under the PCT except any designation(s) indicated in the Supplemental Box as being excluded from the scope of this statement. The applicant declares that those additional designations are subject to confirmation and that any designation which is not confirmed before the expiration of 15 months from the priority date is to be regarded as withdrawn by the applicant at the expiration of that time limit. (Confirmation (including fees) must reach the receiving Office within the 15-month time limit.)

Box No. VI PRIORITY	CLAI			
The priority of the following	g earlier application(s) is here	by claimed:		
Filing date				is:
of earlier application (day/month/year)	of earlier application	national application: country or Member of WTO	regional application:* regional Office	international application: receiving Office
item (1) 24 July 2002 24/07/2002	516798	NZIPO		
item (2)				
item (3)				
item (4)				
item (5)				
Further priority claims	s are indicated in the Supplem	Inental Box.	<u></u>	
The receiving Office is requirable carlier application was above as:	uested to prepare and transmit is filed with the Office which for	t to the International Burea or the purposes of this interna	u a certified copy of the ational application is the	earlier application(s) tonly receiving Office) identified
att items item	1(1) [item (2) [item (3) item	n (4) . [item (5)	other, see Supplemental Box
* Where the earlier applicat Industrial Property or one M	tion is an ARIPO application. Member of the World Trade O	indicate at least one country Organization for which that	v party to the Paris Conv earlier application was f	vention for the Protection of filed (Rule 4.10(b)(ii)):
Box No. VII INTERNA	TIONAL SEARCHING AU	JTHORITY		
Choice of International Se international search, indicat	earching Authority (ISA) (if te the Authority chosen; the tw	f two or more International : vo-letter code may be used):	Searching Authorities are :	e competent to carry out the
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Request to use results of e International Searching Auti	earlier search; reference to	that search (if an earlier s	search has been carried o	nu by or requested from the
Date (day/month/year)	Num	iber Cour	ntry (or regional Office)	
Box No. VIII DECLARA	ATIONS		1	
The following declarations check-boxes below and indic	s are contained in Boxes Nos cate in the right column the nu	s. VIII (i) to (v) (mark the c umber of each type of declar	applicable ration):	Number of declarations
Box No. VIII (i)	Declaration as to the ident	tity of the inventor		:
Box No. VIII (ii)	Declaration as to the appl date, to apply for and be	dicant's entitlement, as at the granted a patent	he international filing	: ·
Box No. VIII (iii)	Declaration as to the app date, to claim the priority	plicant's entitlement, as at t y of the earlier application	the international filing	
Box No. VIII (iv)	Declaration of inventorsh United States of America	hip (only for the purposes o	of the designation of the	:
Box No. VIII (v)	Declaration as to non-pre	ejudicial disclosures or exce	eptions to lack of novelt	y :

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Sheet No.		

Box No. IX CHECK LIST; LA JAGE	OF FILING				
This international application contains: (a) in paper form, the following number of sheets:	This international application is accompanied by the following item(s) (mark the applicable check-boxes below and indicate in right column the number of each item):	Number of items			
request tineluding	1. fee calculation sheet	:			
declaration sheets) : 4	2. Original separate power of attorney	:			
description (excluding sequence listings and/or	3. original general power of attorney	:			
tables related thereto) : 9	4. copy of general power of attorney; reference number.				
claims : 4	if any:	· · · · · · · · · · · · · · · · · · ·			
nbstract : 1	5. statement explaining lack of signature	÷			
drawings : 3	6. priority document(s) identified in Box No. VI as item(s):				
Sub-total number of sheets: 21 sequence listings:	7. Translation of international application into (language):				
tables related thereto : (for hoth, actual number of	8. Separate indications concerning depósited microorgan or other biological material				
sheets if filed in paper form. whether or not also filed in	9. sequence listings in computer readable form (indicate type and number of carriers)				
. computer readable form: see (c) below)	(i) copy submitted for the purposes of international search Rule 13ter only (and not as part of the international	arch under			
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(c) also in computer readable form (Section 801(a)(ii))	10. tables in computer readable form related to sequence li (indicate type and number of carriers)	•			
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items 9(ii) and/or 10(ii), in right column)	The Country of the Co				
Figure of the drawings which should accompany the abstract:	Language of filing of the international application: English	· · · · · · · · · · · · · · · · · · ·			
Box No. X SIGNATURE OF APPLICAT	IT. AGENT OR COMMON REPRESENTATIVE				
	gning and the capacity in which the person signs (if such capacity is not obvious	from reading the request).			
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Date of actual receipt of the purported international application:	-	2. Drawings:			
Corrected date of actual receipt due to later timely received papers or drawings comple	but	received:			
the purported international application:	ung				
Date of timely receipt of the required corrections under PCT Article 11(2):		not received:			
5. International Searching Authority (if two or more are competent): ISA / 6. Transmittal of search copy delayed until search fee is paid					
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